

Cisco SFP-10G-LR-S Compatible SFP+ Module - 10GBASE-LR - 10GbE Single Mode Fiber SMF Optic Transceiver - 10GE Gigabit Ethernet SFP+ - LC 10km - 1310nm - DDM Cisco Firepower, ASR9000, C9300 - TAA

**Product ID:** SFP10GLRSTTA



The SFP10GLRST is a TAA compliant Cisco SFP-10G-LR compatible fiber transceiver module that has been designed, programmed and tested to work with Cisco brand switches and routers. It delivers dependable 10 GbE connectivity over fiber cable, for 10GBASE-LR compliant networks, with a maximum distance of up to 10 km (6.2 mi).

Technical Specifications:

- Wavelength: 1310nm
- Maximum Data Transfer Rate: 10 Gbps
- Type: Single Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 10 km (6.2 mi)
- MTBF: 1,203,430 hours
- Power Consumption: Less than 1 Watt
- Digital Diagnostics Monitoring (DDM): Yes

This SFP+ fiber module is hot-swappable, making upgrades and replacements seamless by minimizing network disruptions.

We offer a wide variety of SFP transceiver modules and direct-attach SFP cables, providing the convenience and reliability you need to ensure dependable network performance.

## Certifications, Reports and Compatibility



## Applications

- Replacing defective or damaged SFP+ modules in Cisco switches and routers
- Expand your network to remote segments

## Features

- **100% CISCO SFP-10G-LR-S COMPATIBLE:** Works with Cisco switches like Firepower, ASR9000, C9300, C3850, C9500 and others
- **TECHNICAL SPECS:** 10GBASE-LR - 10 Gbps - Single Mode (SMF) - LC Connector - 1310nm - Digital Diagnostic Monitoring (DDM) - Distances up to 10km (6.2mi)
- **TESTED FOR OEM HOST COMPATIBILITY:** Hot-swappable in Cisco routers and switches; DDM support reports the transceiver's status to most SNMP network management tools
- **WORKS WITH MSA COMPLIANT SWITCHES:** Also works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules
- **THE IT PRO'S CHOICE:** Designed and built for IT Professionals, this SFP module is backed for life (lifetime of module, not network switch), including free lifetime 24/5 multi-lingual technical assistance.

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### Hardware

|                    |                        |
|--------------------|------------------------|
| Warranty           | Lifetime               |
| Compatible Brand   | Cisco                  |
| Industry Standards | IEEE 802.3ae 10 Gbit/s |

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### Performance

|                            |                |
|----------------------------|----------------|
| Maximum Data Transfer Rate | 10 Gbps        |
| Max Transfer Distance      | 10 km (6.2 mi) |
| Type                       | Single Mode    |
| Wavelength                 | 1310nm         |
| Fiber Operating Mode       | Full-Duplex    |

|                              |                 |
|------------------------------|-----------------|
| DDM                          | Yes             |
| Compatible Networks          | 10 Gbps         |
| MTBF                         | 1,203,430 hours |
| Power Consumption (In Watts) | < 1 W           |

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#### Connector(s)

|                       |                           |
|-----------------------|---------------------------|
| Local Unit Connectors | 1 - Fiber Optic LC Duplex |
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#### Special Notes / Requirements

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|------|-----------------------------------------------------------------------|
| Note | For use in 10 Gigabit fiber networking equipment and media converters |
|------|-----------------------------------------------------------------------|

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#### Environmental

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|-----------------------|----------------------------|
| Operating Temperature | 0C to 70C (32F to 158F)    |
| Storage Temperature   | -40C to 85C (-40F to 185F) |
| Humidity              | 5~95% RH                   |

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#### Physical Characteristics

|                   |                  |
|-------------------|------------------|
| Color             | Silver           |
| Product Length    | 2.2 in [57.0 mm] |
| Product Width     | 0.5 in [1.3 cm]  |
| Product Height    | 0.4 in [1.0 cm]  |
| Weight of Product | 0.7 oz [19.0 g]  |

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#### Packaging Information

|                           |                  |
|---------------------------|------------------|
| Package Length            | 4.6 in [11.8 cm] |
| Package Width             | 3.1 in [7.8 cm]  |
| Package Height            | 1.3 in [34.0 mm] |
| Shipping (Package) Weight | 0.1 lb [0.1 kg]  |

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## What's in the Box

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|---------------------|----------------------|
| Included in Package | 1 - SFP+ transceiver |
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*\*Product appearance and specifications are subject to change without notice.*